

## Installing or Upgrading TestBench using a Virtual Optical Drive



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## SYNOPSIS

There are two methods for installing or upgrading TestBench for IBM i. One method is to download the DVD image from our customer portal, place on a DVD, and follow the installation instructions. The second method is to use an ISO image, and create an image catalogue, and install via a virtual optical drive. This article will cover the second method including the installation from a virtual optical drive.

## DOWNLOAD AND UPLOAD

First, download the ISO image from our customer portal: <https://customers.origsoft.com/>

NOTE: Steps 1-8 can be performed ahead of the planned upgrade time.

1. On the PC, make a note of the temp folder location and name for where you have downloaded the ISO image.

For example:

c:\temp\TBxxx.iso

or

c:\Users\*YourProfile*\Downloads\TBxxx.iso.

NOTE: xxx = applicable version number such as: 810  
for TestBench 8.1.0.

2. On the IBM i server, sign on as QSECOFR.
3. On the IBM i, create a temporary directory to upload the ISO file.  
CRTDIR DIR('/tmptbmmdd')

4. On the PC, use the Windows command prompt and FTP to upload the ISO image to the Integrated File System (IFS) on the IBM i.

```
ftp IBMiServerName  
login in with your credentials  
quote site namefmt 1  
cd /tmptbmmdd  
lcd c:\temp      or location you have noted in step 1  
bin  
put TBxxx.iso
```

5. Verify the file was successfully uploaded to the IBM i server.

## IMAGE CATALOGUE

6. On the IBM i, verify that the virtual drive exists and vary it on.
  - a. WRKDEVD DEVD(OPTVRT01)
  - b. VRYCFG CFGOBJ(OPTVRT01)  
CFGTYPE(\*DEV)  
STATUS(\*ON)

7. Create and configure the image catalogue.

- a. If you need to create the image catalogue:  
CRTIMGCLG IMGCLG(TESTBENCH)  
DIR('/ TBench\_xxx')  
CRTDIR(\*YES)  
TEXT(' TestBench xxx – Image Catalogue')

This creates an image catalogue pointed to directory TBench\_xxx, and creates the IFS directory /ROOT/ TBench\_xxx/ if it did not previously exist.

- b. If the image catalogue already exists:  
CHGIMGCLG IMGCLG(TESTBENCH)  
DIR('/TBench\_xxx')  
TEXT('TestBench xxx- Image Catalogue')

8. Add an image catalogue entry for the DVD media image.

```
ADDIMGCLGE
```

```
  IMGCLG(TESTBENCH)
```

```
  FROMFILE('\name of temp directory from step 3\TBxxx.iso')
```

```
  TEXT('TestBench xxx – Image Catalogue Entry')
```

## INSTALL OR UPGRADE

9. If you are not signed on already, login to the IBM i as QSECOFR.

10. Load the image catalogue on the virtual optical drive.

```
  LODIMGCLG IMGCLG(TESTBENCH) DEV(OPTVRT01) OPTION(*LOAD)
```

11. Run the TestBench installation program.

```
  LODRUN DEV(OPTVRT01) DIR('/TBench')
```

NOTE: Refer to the TestBench Installation Guide for additional information.

12. To clean up after the installation, remove the temporary directory off the IBM i:

```
  RMVDIR DIR('/tmptbmmdd')
```